

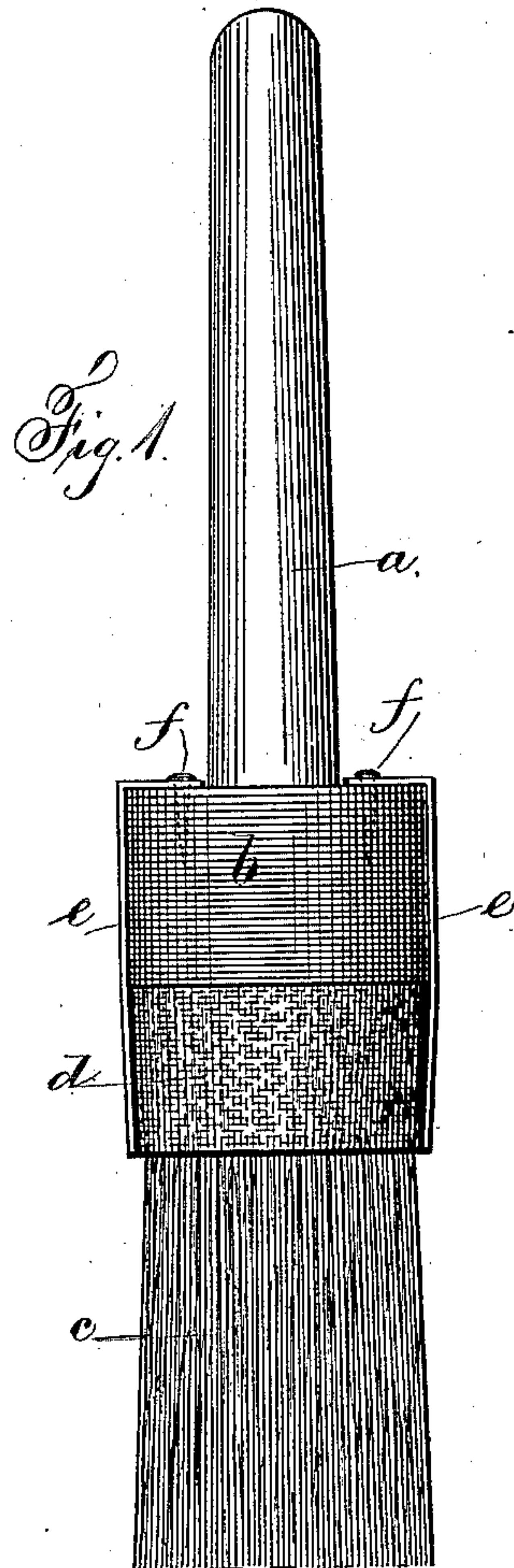
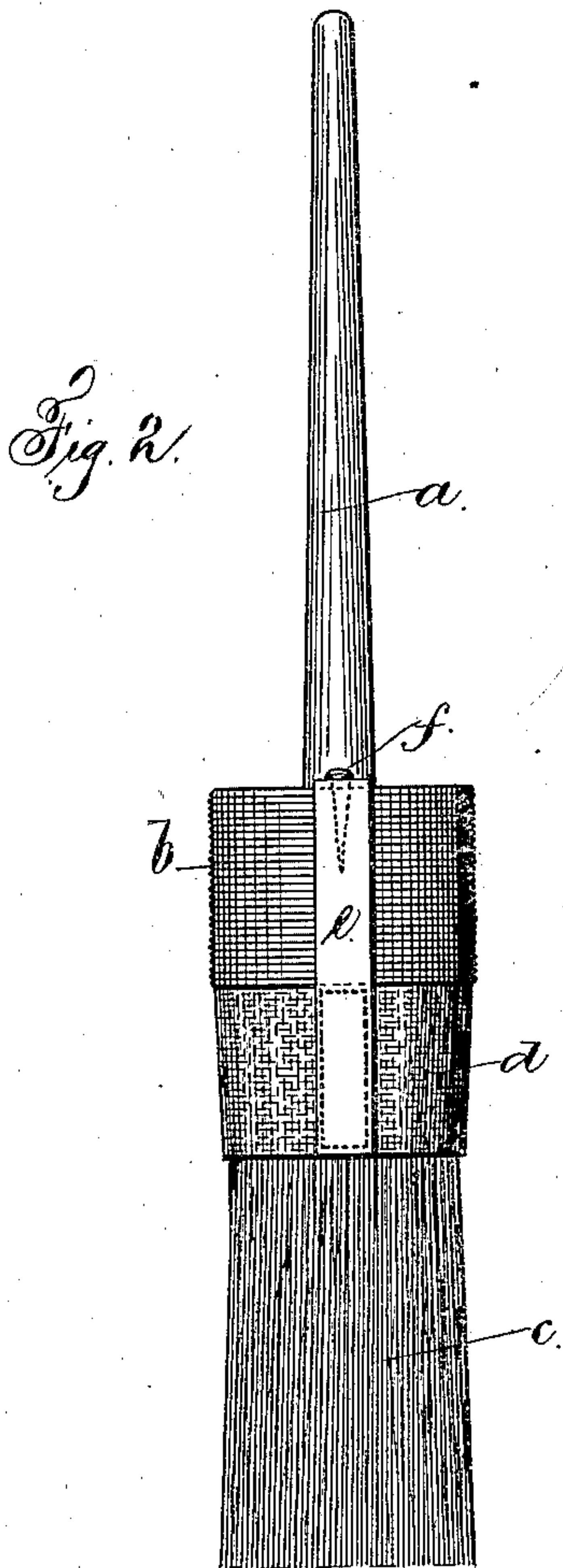
(No Model.)

W. L. BARNES & G. B. SIBLEY.

BRIDLE FOR PAINT BRUSHES.

No. 308,648.

Patented Dec. 2, 1884.



Witnesses  
Harold Terrell  
Chas. H. Smith

Inventors  
William L. Barnes.  
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per Lemuel W. Terrell atty

# UNITED STATES PATENT OFFICE.

WILLIAM L. BARNES AND G. BYRON SIBLEY, OF BENNINGTON, VERMONT.

## BRIDLE FOR PAINT-BRUSHES.

SPECIFICATION forming part of Letters Patent No. 308,648, dated December 2, 1884.

Application filed December 28, 1883. (No model.)

*To all whom it may concern:*

Be it known that we, WILLIAM L. BARNES and G. BYRON SIBLEY, of Bennington, in the county of Bennington and State of Vermont, have invented a new and useful Improvement in Bridles for Paint-Brushes, of which the following is a specification.

Paint-brushes are generally "bound" or tied with a wrapping of string around the bristles below the metal head or bristle-holder. This binding is about an inch and a half wide, and is done partially to confine and limit the length of the working portion of the bristles and prevent them spattering the paint, and partially to limit the paint-line in the brush and prevent the paint going up into and forming a filling in the head of the brush, where it cannot be washed out or the brush properly cleansed in changing from one color to another.

We are aware that bridles for paint-brushes have been made to take the place of the aforesaid winding. One of these bridles is of metal surrounding the bristles and held in place by metal straps. This device is too rigid and unyielding, and tends to cut the bristles around the side of the brush. The bridle has also been made of a rubber band and perforated yoke in one piece. This is liable to slip up over the head or ferrule, and it can only be detached by slipping it up over the ferrule or head.

Our improved bridle is made of a band of woven elastic webbing, the ends being sewed together, and the same is of a size to tightly grasp around the bristles below the head or ferrule, so as not to work up over the same, and there are straps at opposite sides sewed to the webbing and tacked at their upper ends to the brush, so as to prevent the bridle slipping down when in use. This device accomplishes the desired end, and is more easily applied or removed for cleaning the brush than the bridles heretofore made.

Our improved bridle surrounds the bristles with an even pressure, and is sufficiently yielding and flexible to be used with convenience.

In the drawings, Figure 1 is an elevation flatwise of the brush, and Fig. 2 is an elevation sidewise of the brush.

The brush is composed of the handle *a*, head or stock *b*, and bristles *c*, as usual. The bridle *d* is made by taking a strip of elastic webbing and joining the ends securely, and the straps of leather, *e*, or other suitable material are sewed outside the webbing to opposite sides of the circular bridle thus formed. The straps *e* are secured by tacks or nails *f* to the stock or head *b*, as shown. We prefer to fasten the straps on top of the head. They may, however, be fastened on the side. The bridle *d* is sufficiently small to confine the bristles with an even pressure, and the metal head or stock *b* at its lower part acts as a shoulder to keep the bridle of elastic webbing in place and prevent it working up over the head of the brush.

This bridle is easily secured on a brush, and is easily removed when it becomes necessary to wash the brush before changing from one color to another, and the bridle not only prevents the paint from passing too far into the brush, but it is sufficiently yielding to allow the bristles to bend freely when the brush is being worked from side to side in painting.

This bridle can be used on paint, varnish, calcimine, and other brushes, and may be made of any size desired.

We claim as our invention—

As a new article of manufacture, the bridle for brushes, composed of a band of woven elastic webbing to surround the bristles below the head, and separate straps sewed to the outside of the elastic band at opposite sides, the said straps being fastened to the head of the brush by tacks, substantially as set forth.

Signed by us this 24th day of December, A. D. 1883.

WILLIAM L. BARNES.  
G. BYRON SIBLEY.

Witnesses:

EDWARD D. BATES,  
WALTER H. FOOTE.